

REMARKS/ARGUMENTS

Pending claims 1, 2, 7, 9-12, 16-21 and 23-27 stand rejected under 35 U.S.C. §103(a) over U.S. Patent Application Publication No. 2002/0059434 (Karaoguz) in view of U.S. Patent No. 6,441,442 (Wong). Applicant respectfully traverses the rejection.

As to amended claim 1, there is no teaching or suggestion in the cited references of a router configured to transmit data packets in parallel via a cellular radio core and a short-range wireless transceiver core. In this regard, the Office Action contends that Karaoguz teaches such parallel data packet transmission:

Karaoguz ... teaches a router (64) coupled to the processor core, the cellular radio core, and the short-range transceiver core wherein the router comprises an engine that tracks destinations of information packets and sends them in parallel through a plurality of separate path ways on plural of channels (60, 62)...

Office Action, p. 5.

Applicant respectfully disagrees with this contention, as Karaoguz instead teaches that network selector 64 (contended to be the router) is a hard switch that routes signals from one component to another. Karaoguz, ¶42. That is, network selector 64 can route signals only to a single network at a given time. Karaoguz, ¶41 ("in some instances, a multi-mode communication device will select one of two or more available networks. ... Thus, information will be routed to/from an appropriate network processor element 60 or 62."). Nor does Karaoguz anywhere teach or suggest tracking destinations of packets sent, as recited by claim 9. Accordingly, for at least these reasons, amended claim 1 and the claims depending therefrom are patentable as neither Karaoguz nor Wong teach or suggest this claimed subject matter.

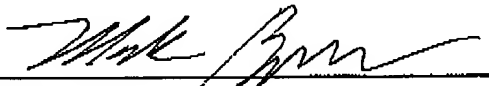
As to amended independent claim 11, the cited references nowhere teach or suggest an integrated circuit including a reconfigurable processor core including multiple programmable processors and multiple dedicated processors. Instead, Karaoguz teaches dedicated processing elements (e.g., processing elements 42 and 44) that "perform the signal processing associated with a given network." Karaoguz, ¶38. Similar dedicated network elements 60 and 62 are also taught by Karaoguz. However nowhere does Karaoguz teach or suggest a reconfigurable processor core that includes multiple programmable processors and multiple dedicated processors. Similarly, Wong nowhere teaches or suggests such a reconfigurable processor core. Accordingly, claim 11 and the claims depending therefrom are patentable over the proposed combination.

Amended independent claim 21 is patentable over the combination, as neither reference teaches or suggests communicating at least some data packets in parallel via a cellular radio medium and a short-range wireless medium. This is so, at least for the same reasons discussed above in that Karaoguz nowhere teaches or suggests such parallel data communication. Further, because Wong fails to teach or suggest such communication, amended claim 21 and the claims depending therefrom are patentable over the proposed combination.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

Date: February 13, 2006


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